## **Scotch**<sup>®</sup> **Filament Tape**

898

Technical Data			Sep	otember 2016	
Product Description	Scotch® Filament Tape 898 is a high-performance transparent packaging tape reinforced along its length with continuous glass-yarn filaments, which give the tape very high tensile strength. The transparent polypropylene backing provides excellent abrasion, moisture and scuff resistance. The adhesive is an aggressive packaging adhesive specifically formulated to provide balanced performance having both high adhesion and long term holding power.				
Construction  Typical Physical Properties	Backing	Adhesive	Reinforcement	Backing Color	
	Polypropylene	Pressure sensitive synthetic rubber resin	Glass yarn	Clear	
	Adhesion to Steel: Tensile Strength:	and should not be used for specification purpose  70 oz./in. width (77 N/100 mm width)  380 lbs./in. width (6650 N/100 mm width)		ASTM Test Method D-3330 D-3759	
	Elongation at Break: Total Thickness:	5% 6.6 mil (0.17 mm)	,	D-3759 D-3652	
Features	<ul> <li>Meets ASTM D5330, Type II (replaces PPP-T-97E and CID A-A-1686A).</li> <li>Abrasion and moisture resistant.</li> <li>Good handling.</li> <li>High tensile strength.</li> <li>Allows printing and illustrations to be seen through the tape.</li> </ul>		<ul> <li>Saves time through ea and handling when us dispenser.</li> <li>Provides advertising capability when printed to Low unit costs by using applications where his one of the main red</li> </ul>	sed with a 3M and warning ed. ng less tape on gh tensile strength	

• High shear and great initial adhesion.

adhesive to provide longer package life.

• Assures maximum package performance

· Good protection of filaments and

for limited outdoor use.

• Excellent aging.

is one of the main requirements.

conditions.

• Good holding, with minimum amount of

tape, under a wide range of application

• Holds instantly with minimum rubdown.

• Boxes remain securely closed through

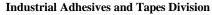
normal warehouse time cycles.

## Scotch® Filament Tape

898

Available Sizes	Available Widths		Available Lengths		
	Standard Widths:	.24 in. (6 mm), .35 in. (9 mm), .47 in. (12 mm), .59 in. (15 mm), .71 in. (18 mm), .94 in. (24 mm), 1.4 in. (36 mm), 1.9 in. (48 mm), and 2.8 in. (72 mm)	60 yds. (55 m)		
		.47 in. (12 mm), .59 in. (15 mm), and .71 in. (18 mm)	360 yds. (330 m)		
	Core Size (ID):	3 in. (76.2 mm)			
Application Techniques	An extensive line of application equipment including hand-held manual dispensers and the automatic 3M-Matic <sup>TM</sup> L-Clip Applicator S867 are available. Application of Scotch® Filament Tape 898 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes firm. Once applied, Scotch® Filament Tape 898 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.				
Storage Conditions	Store behind present stock. Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40-50% relative humidity are recommended. Rotate your stock.				
Shelf Life	To obtain best performance, use this product within 18 months from date of manufacture.				
Technical Information	The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.				
Product Use	Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.				
Warranty, Limited Remedy, and Disclaimer	literature, 3M warrar 3M ships the product IMPLIED, INCLUDIN MERCHANTABILIT OR CONDITION AR If the 3M product do	dditional warranty is specifically stated on the applicable 3M product packaging or product I warrants that each 3M product meets the applicable 3M product specification at the time product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR CLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF ABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. duct does not conform to this warranty, then the sole and exclusive remedy is, at 3M's cement of the 3M product or refund of the purchase price.			
Limitation of Liability	Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.				
		ISO 9001:  nd Tapes Division product was manufactured under a 3M quality system registered			

**3M** 



3M Center, Building 225-3S-06 St. Paul, MN 55144-1000 800-362-3550 • 877-369-2923 (Fax) www.3M.com/industrial

